

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070823\  
 Data File : BM040734.D  
 Acq On : 08 Jul 2023 10:59  
 Operator : MA/JU  
 Sample : 03332-06MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YBTX2MS

Quant Time: Jul 08 22:57:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 08 22:50:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.895  | 152  | 3471     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.702 | 136  | 13084    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.541 | 164  | 6113     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.295 | 188  | 11450    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.483 | 240  | 8587     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.880 | 264  | 7859     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.305  | 96   | 2715     | 0.498 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.291 | 152  | 5388     | 0.294 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.324 | 212  | 8796     | 0.320 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.338  | 88   | 6691     | 1.206 | ng/ul   | 92       |
| 5) Naphthalene              | 10.752 | 128  | 10537    | 0.292 | ng/ul   | 98       |
| 7) 2-Methylnaphthalene      | 12.363 | 142  | 6239     | 0.294 | ng/ul   | 97       |
| 8) 1-Methylnaphthalene      | 12.583 | 142  | 5882     | 0.278 | ng/ul   | 98       |
| 10) Acenaphthylene          | 14.259 | 152  | 7617     | 0.279 | ng/ul   | 95       |
| 11) Acenaphthene            | 14.601 | 153  | 6382     | 0.277 | ng/ul   | 97       |
| 12) Fluorene                | 15.591 | 166  | 6994     | 0.284 | ng/ul   | 98       |
| 14) Pentachlorophenol       | 16.953 | 266  | 678      | 0.308 | ng/ul   | 93       |
| 15) Phenanthrene            | 17.337 | 178  | 10419    | 0.293 | ng/ul   | 97       |
| 16) Anthracene              | 17.426 | 178  | 10447    | 0.350 | ng/ul   | 95       |
| 19) Fluoranthene            | 19.352 | 202  | 10881    | 0.298 | ng/ul   | 98       |
| 20) Pyrene                  | 19.715 | 202  | 11667    | 0.298 | ng/ul   | 97       |
| 21) Benzo(a)anthracene      | 21.466 | 228  | 8957     | 0.308 | ng/ul   | 98       |
| 22) Chrysene                | 21.518 | 228  | 9382     | 0.283 | ng/ul   | 97       |
| 24) Benzo(b)fluoranthene    | 23.146 | 252  | 8565     | 0.282 | ng/ul#  | 54       |
| 25) Benzo(k)fluoranthene    | 23.193 | 252  | 9017     | 0.301 | ng/ul#  | 55       |
| 26) Benzo(a)pyrene          | 23.772 | 252  | 7510     | 0.274 | ng/ul#  | 41       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.367 | 276  | 9512     | 0.249 | ng/ul   | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.384 | 278  | 7408     | 0.248 | ng/ul#  | 76       |
| 29) Benzo(g,h,i)perylene    | 27.125 | 276  | 8306     | 0.248 | ng/ul#  | 89       |
| -----                       |        |      |          |       |         |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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